

Message

From: Fennessy, Christopher [christopher.fennessy@Rocket.com]
Sent: 5/12/2017 3:43:00 PM
To: Keller, Lynn [Keller.Lynn@epa.gov]
Subject: RE: Area 40
Attachments: Fall2016 Contour Maps TCE Perchlorate Layer A pdf.pdf

Hi Lynn – In preparation for our call, here are some thoughts on your e-mail:

I believe we are presenting all data east of Prairie City Road as Area 40 data. If there is text that infers it is not, let me know and I will fix the text. All data collected within the rectangle and outside the rectangle east of Prairie City Road are considered Area 40 data. This is evident in the sample id numbers. Area 40 consists of source areas 36B – 40B. All soil and soil vapor sample ids begin with either 36B, 37B, 38B, 39B, 40B, or A40 (for Area 40). This designation associates the sample with the source area and Area 40. Which hot spot are you referring to as west of the rectangle and east of Prairie City Road? I agree the rectangle currently appears random. I believe this source area was identified by the areas of known sources at the time they identified the source areas.

AR produces sitewide plume maps 2 times per year and submits them to the Agencies. Area 40 only has a very thin veneer of sediments above the bedrock. So, only the layer A water bearing unit and the bedrock water bearing unit exist beneath Area 40. The most recent Layer A sitewide TCE and perchlorate plume maps are attached. These maps show how the chemicals released at Area 40 are migrating onto AR's operating site. Would you like us to add these maps to the HHERA and FS?

Talk to you in a bit. Chris

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From: Keller, Lynn [mailto:Keller.Lynn@epa.gov]
Sent: Thursday, May 11, 2017 1:18 PM
To: Fennessy, Christopher
Subject: [EXTERNAL] Area 40

Hi, Chris.

I wanted to pass along a comment from our Area 40 discussion yesterday; EPA would like AR to present all the data east of Prairie City Rd as Area 40. That was one of my initial comments on the RIS, and Alex's as well. The Area 40 square is kind of arbitrary, esp since there is a hot spot between Prairie City Rd and Area 40.

In looking at the groundwater contour maps, Area 40 is mostly off the site plans except on the Layer A TCE plot. Is that because there is no data that far east? Could we get more information to tie Area 40 to the groundwater CSM for the eastern part of the Aerojet site? This is esp relevant since the ZVI wall and GET systems are downgradient of Area 40.

We want to finalize the Area 40 HHRA first, and we're looking at that now to see if any revisions are needed for VI.

I'm booked with meetings this afternoon, but I'm free tomorrow from 10-1 or Mon from 7-11; can we plan to talk more then?

Thanks,
Lynn

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